



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	John A. Hauck et. al	Examiner:	
Serial No.:	09/107,371	Group Art Unit:	3736
Filing Date:	June 30, 1998	Docket No.:	1270
Title	Chamber Mapping System		

Date of Deposit: 12/14/01

I hereby certify that this paper is being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231

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AMENDMENT AFTER FINAL

Assistant Commissioner for Patents
Washington, DC 20231

This amendment includes a copy of the claims marked to show the location of changes. The document was prepared using the compare text feature of Word and compares the claims as filed to those present in amended form in this Response.

Reconsideration and allowance of this application is respectfully solicited in view of the following amendments and remarks.

AMENDMENTS

Please amend the claims to read as follows:

1. A method of modeling a chamber of the heart in three-dimensions comprising:
 - collecting a set of points inside the heart, each point having coordinates in three-dimensional space, forming a raw data set;
 - defining an interior direction and exterior direction for said raw data set;
 - selecting a first point;